

EXHAUST SYSTEM ASSEMBLIES EMPLOYING WIRE BUSHINGS FOR THERMAL COMPENSATION

Abstract of the Disclosure

Exhaust system assemblies employ wire bushings for thermal compensation to minimize noise due to "stick-slip" while the system cools. In a preferred embodiment, the wire bushings are formed of at least one strand of wire coiled about male end portions of pipe sections used in the system, each of which male end portions are inserted into a female end portion and held therein by an interference fit. The strand of wire is spot welded at spaced locations to the male end portions to provide bearing surfaces between the spot welds that move slightly as the exhaust system heats and cools to relieve thermal stress in small, substantially inaudible increments.